

Notice of Allowability

Application No.

10/603,212

Examiner

Donald L. Storm

Applicant(s)

KIM, DOH-SUK

Art Unit

2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to AMENDMENT UNDER 37 CFR 1.116, filed July 13, 2007.
2. ☒ The allowed claim(s) is/are 21-33 and 35-37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

Allowable Subject Matter

1. Claims 21-33 and 35-37 are allowed. The claims have been renumbered for printing to be claims 1-13 and 14-16.

Response to Amendment

2. Because currently amended independent claims 21 and 35 recite substantially the limitations previously examined and indicated as allowable, only cursory further review was needed to put the application in condition for allowance. Accordingly, the AMENDMENT UNDER 37 CFR 1.116, filed July 13, 2007, has been entered.
3. The remarks concerning the interview on July 12, 2007 are substantively acceptable to the Examiner.

Response to Arguments

4. The prior Office action, mailed May 10, 2007, requires corrected drawings, objects to the drawings, title, abstract, and claims, and rejects claims under 35 USC § 103. The Applicant's arguments and changes in AMENDMENT UNDER 37 CFR 1.116, filed July 13, 2007, have been fully considered with the following results.
5. With respect to objection to the drawings, the changes entered by amendment remove the indicated grounds for objection. Accordingly, the objections are removed and the requirement for substitute drawings is withdrawn.

6. With respect to objection to the title, the changes entered by amendment remove the indicated grounds for objection. Accordingly, the objections are removed.
7. With respect to objection to the abstract, the changes entered by amendment remove the indicated grounds for objection. Accordingly, the objections are removed.
8. With respect to objection to those claims needing clarification, the amendment provides clear descriptions of the claimed subject matter. Accordingly, the objections are removed.
9. With respect to objection to the claims dependent upon rejected base claims, the base claims have been allowed. Accordingly, the objections are removed.
10. With respect to rejection of claims under 35 USC § 103, the changes entered by amendment include subject matter previously indicated as allowable in the current independent claims. Accordingly, the rejections are removed.

Conclusion

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Donald L. Storm, of Division 2626, whose telephone number is (571) 272-7614. The examiner can normally be reached on weekdays between 7:00 AM and 3:30 PM Eastern Time. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richemond Dorvil can be reached on (571) 272-7602.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Inquiries regarding the status of submissions relating to an application or questions on the Private PAIR system should be directed to the

Electronic Business Center (EBC) at 866-217-9197 (toll-free) or 571-272-4100 between the hours of 6 a.m. and midnight Monday through Friday EST, or by e-mail at: ebc@uspto.gov. For general information about the PAIR system, see <http://pair-direct.uspto.gov>. If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

July 23, 2007

/Donald L. Storm/

Primary Patent Examiner
Division 2626